

Continuous power even when primary power is shut off.

Rustrak Energy Package, Model 153, is essentially an AC to DC converter consisting of a constant current charging device and hermetically sealed energy cells. Because of solid state and electrochemical techniques, the Energy Package is capable of reliable continuous or intermittent operation and can deliver large amounts of peak energy with or without primary power, thereby assuring fail safe performance. It is suited as a component part of equipment or as an independent power supply. It is housed in a compact die-cast aluminum container and can be used under extreme vibration and shock. Higher voltages, current and various combinations can be obtained by stacking any number of individual units. Its performance is unconditionally guaranteed for two years.

SPECIFICATIONS

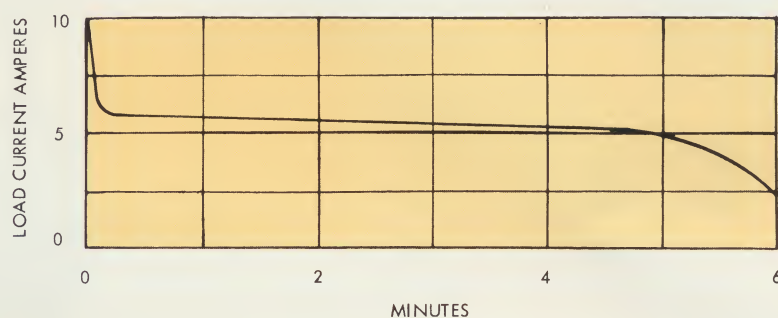
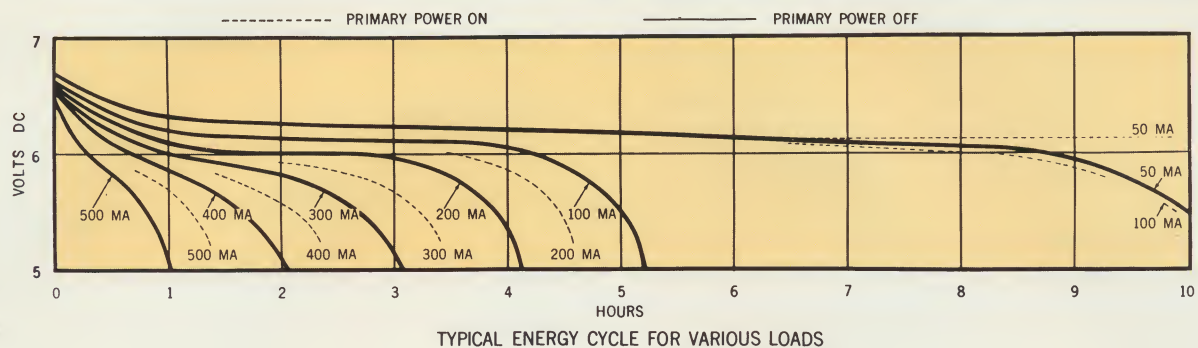
- Primary Power Input: 100 to 135 volts; 50-400 cps.
- Duty Cycle: Cont. with or without load
- Available Energy Output: 500 milliampere hours
- Output Voltage: 6 volts nominal
- Output Voltage Variation: Within 1% for 0-50 milliamp load (primary on)
- Maximum Output Current (10A): Short pulses
(6A): Cont. 5 minute interval
- Operating Temperature Range: 0 to 50°C
(without derating)
- Output Ripple: 1 millivolt max. at 60 cycle input
- Output Noise: Less than 10 microvolts
(no AC input)
- Weight: 1½ pounds
- Size: 2 5/8 x 1 3/4 x 3 7/8 high

rustrak[®] **ENERGY** **PACKAGE**

Model 153

\$29⁹⁵
SINGLE UNIT





APPLICATION

The Rustrak Energy Package is a highly versatile and adaptable unit. Any electrical or electronic instrument which requires continuous, fail safe operation can utilize the Energy Package. Some typical uses are for fire and burglar alarms, industrial laboratories, stand by power units, computer or recorder power supplies. Portable or field instruments can also be equipped with one or more Energy Packages and can be used without the need of replacing batteries.

Because of its unique features, Model 153 is ideal for low noise amplifiers, super sensitive strain gauges and high gain amplifiers. Other models of the Energy Packages requiring special voltages and/or currents other than standard are also available for OEM requirements.

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